

## Low Power Large Signal RF Tuned Buffer Amplifier

### ABSTRACT OF THE DISCLOSURE

Methods and apparatus for buffering RF signals. A method includes receiving an input signal, wherein the input signal alternates between a first polarity and a second polarity. From the input signal, a first current is generated, wherein the first current is proportional to the input signal when the input signal has the first polarity, and approximately equal to zero when the input signal has the second polarity, and a second current is generated, wherein the second current is proportional to the input signal when the input signal has the second polarity, and approximately equal to zero when the input signal has the first polarity. A third current is generated proportional to the first current, and a fourth current is generated proportional to the second current. The first and fourth currents are applied to a first terminal of an inductor; and the second and third currents are applied to a second terminal of the inductor.

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